

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (Currently Amended) An updating system of music information comprising:
a broadcasting apparatus having a broadcasting side memory-unit for storing music information including at least one of track data and music database information and a transmission-unit for broadcasting the music information on a predetermined broadcast channel and
a terminal having a reception-unit for receiving a broadcast wave of said predetermined broadcast channel, an extraction-unit for extracting said music information from the received broadcast wave, and an update-unit for updating the music information in the reception side memory unit with the extracted music information.
2. (Currently Amended) An updating system of music information as set forth in claim 1, wherein said predetermined broadcast channel is: [(i)] either of a ~~previously-set~~ specific channel in radio broadcasts[;], [(ii)] a ~~previously-set~~ specific channel in TV broadcasts[;], or [(iii)] a ~~previously-set~~ specific channel in digital broadcasts.
3. (Currently Amended) An updating system of music information as set forth in claim 1-~~or~~2, wherein said music database information is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes anyat least one of title names, album names, artist names, and genres.
4. (Currently Amended) An updating system of music information as set forth in ~~any one of~~ claims 1-~~to~~3, wherein[;]

said terminal is further provided with a track data request transmission unit for transmitting a request that the music information including ~~[[a]]~~the desired track data be added to said reception side memory~~function~~ unit and the identifying information of the related terminal to said transmission apparatus, and

said broadcasting apparatus is further provided with a charge processing unit for charging the related terminal on the basis of said track data request from said terminal and the identifying information of said terminal.

5. (Currently Amended) An updating system of music information as set forth in ~~any one of claim[[s]] 1 to 4~~, wherein said broadcasting apparatus is further provided with a schedule transmission unit for broadcasting a schedule list indicating ~~the~~a schedule for broadcasting said track data.

6. (Currently Amended) An updating system of music information as set forth in ~~any one of claim[[s]] 1 to 5~~, wherein said broadcasting apparatus is provided with a selection unit for selecting said music information to be transmitted from said broadcasting side memory unit or selecting said music information to be stored in said broadcasting side memory unit.

7. (Currently Amended) An updating system of music information as set forth in ~~any one of claims 1 to 6~~, wherein said ~~broadcasting apparatus has a selection function unit for selecting and collecting said music information to be stored in said broadcasting side memory function unit~~ selection unit selects said music information on the basis of at least any of various popularity ranking information, number of times of broadcasts, new music releases, and power play information provided from music providers.

8. (Currently Amended) An updating system of music information as set forth in claim ~~6 or 7~~, wherein said ~~selection function~~ unit selects said music information on the basis of a ~~number of times of broadcast at each music provider or information on release of new music~~

request that the music information including the desired track data from said terminal be added to said reception memory unit.

9. (Currently Amended) An updating system of music information as set forth in claim 1-6 or 7, wherein ~~said selection function unit selects said music on the basis of power play information generated between music providers linked with this or information of release of new music transmission unit broadcasts said music information on said predetermined broadcast channel constantly repeatedly or periodically on predetermined days.~~

10. (Currently Amended) An updating system of music information as set forth in claim 6 or 7, wherein ~~said selection function unit selects said music information on the basis of various popularity rankings from the music providers~~ transmits either of all said music information of said broadcasting side memory unit or a difference in music information newly added to said broadcasting side memory unit to said transmission unit.

11. (Currently Amended) An updating system of music information as set forth in claim 6 or 7, wherein ~~said selection function unit selects said music information on the basis of said track data request from said terminal~~ updating unit rewrites said reception side memory unit with received music information when receiving all music information of said broadcasting side memory unit or extracts the music information which is not recorded in the reception side memory unit from the received music database information as the difference in music information and stores the same in the reception side memory unit.

12. (Currently Amended) An updating system of music information as set forth in ~~any one of claims 1 to 11~~ 10, wherein ~~said transmission function unit broadcasts said music information on said predetermined broadcast channel constantly repeatedly or periodically on predetermined days~~ updating unit stores the difference in music information added to said

reception side memory unit newest when receiving the difference in music information added newest to said broadcasting side memory unit.

13. (Currently Amended) An updating system broadcasting apparatus of music information as set forth in any one of claims 1 to 12, wherein said transmission function unit has a conversion function unit for converting said music information to a format for broadcasting the same on said predetermined broadcast channel providing a broadcasting side memory unit for storing music information including at least one of track data and music database information and a transmission unit for broadcasting the music information on a predetermined broadcast channel.

14. (Currently Amended) An updating system of music information as set forth in claim 6, wherein said selection function unit transmits either of all said music information of said broadcasting side memory function unit or difference in music information newly added to said broadcasting side memory function unit to said transmission function unit. A terminal having an updating function of music information, comprising:

a reception side memory unit for storing music information including at least one of track data and music database information;

an extraction unit for extracting said music information from the broadcast wave of a predetermined broadcast channel; and

an updating unit for updating the music information in said reception side memory unit with said extracted music information.

15. (Currently Amended) An updating system method of music information as set forth in claim 13, wherein said extraction function unit extracts said music information broadcast on said predetermined broadcast channel in a predetermined format according to that format in an updating system of music information provided with a broadcasting apparatus and a terminal comprising:

in said broadcasting apparatus,

a step of broadcasting music information including at least one of track data and music database information stored in a broadcasting side memory unit on a predetermined broadcast channel and,

in said terminal provided with a reception side memory unit for storing said music information,

a step of receiving the broadcast wave of said predetermined broadcast channel,

a step of extracting said music information from the broadcast wave of said received predetermined broadcast channel, and

a step of updating the information in said reception side memory unit with said extracted music information.

16. (Currently Amended) ~~An updating system of music information as set forth in any one of claims 1 to 15, wherein said update function unit rewrites said reception side memory function unit with the received music information when receiving all music information from the broadcasting side memory function unit on said broadcasting apparatus side.~~ A music information updating method of music information in a terminal provided with a reception side memory unit for storing the music information including at least one of track data and music database information, comprising:

a step of receiving said music information broadcasting on a predetermined broadcast channel;

a step of extracting said music information from said received predetermined broadcast channel; and

a step of updating the music information in said reception side memory unit with said extracted music information.

17. (Original) An updating system of music information as set forth in any one of claims 1 to 15, wherein said update function unit calculates unrecorded music information from among all music information when receiving all music information from the broadcasting side memory function unit on said transmitting apparatus side and stores this as the newly added difference in music information in said reception side memory function unit.

18. (Original) An updating system of music information as set forth in any one of claims 1 to 15, wherein said update function unit adds the difference in music information to said reception side memory function unit and stores it there when receiving the newly added difference in music information from the broadcasting side memory function unit on said transmitting apparatus side.

19. (Original) An updating system of music information as set forth in any one of claims 16 to 18, wherein said update function unit once holds the music information or said difference in music information transmitted from said difference in music information transmitted from said broadcasting apparatus side constantly repeatedly or periodically on predetermined days and, when detecting that it is not the same as the already received information, stores the information in said reception side memory function unit.

20. (Original) A broadcasting apparatus of music information providing a broadcasting side memory function unit for storing music information including at least one of track data and music database information and a transmission function unit for broadcasting the music information on a predetermined broadcast channel.

21. (Original) A broadcast apparatus of music information as set forth in claim 20, wherein said predetermined broadcast channel is (i) a previously set specific channel in radio broadcasts; (ii) a previously set specific channel in TV broadcast; or (iii) a previously set specific channel in digital broadcasts.

22. (Original) A broadcasting apparatus of music information as set forth in claim 20 or 21, wherein said music database information is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes any of title names, album names, artist names, and genres.

23. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 22, wherein provision is further made of:

a track data request reception unit for receiving a request that the music information including the desired track data from the terminal be added to said reception memory function unit and the identifying information of the related terminal, and

a charge processing unit for charging the related terminal on the basis of said track data request from said terminal and the identifying information of said terminal.

24. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 23, wherein provision is further made of a schedule transmission unit for broadcasting a schedule list indicating the schedule for broadcasting said track data.

25. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 24, wherein provision is further made of a selection function unit for extracting said music information to be transmitted from said broadcasting side memory function unit.

26. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 25, wherein provision is further made of a selection function unit for extracting said music information to be transmitted from said broadcasting side memory function unit.

27. (Original) A broadcasting apparatus of music information as set forth in claim 25 or 26, wherein said selection function unit selects said music information on the basis of a number of times of broadcasts at each music provider or information on release of new music.

28. (Original) A broadcasting apparatus of music information as set forth in claim 25 or 26, wherein said selection function unit selects said music on the basis of power play information generated between music providers linked with this or information of release of new music.

29. (Original) A broadcasting apparatus of music information as set forth in claim 25 or 26, wherein said selection function unit selects said music information on the basis of various popularity rankings of the music providers.

30. (Original) A broadcasting apparatus of music information as set forth in claim 25 or 26, wherein said selection function unit selects said music information on the basis of said track data request from said terminal.

31. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 30, wherein said transmission function unit broadcasts said music information on said predetermined broadcasts said music information on said predetermined broadcast channel constantly repeatedly or periodically on predetermined days.

32. (Original) A broadcasting apparatus of music information as set forth in any one of claims 20 to 31, wherein said transmission function unit has a conversion function unit for converting said music information to a format for broadcasting the same on said predetermined broadcast channel.

33. (Original) A broadcasting apparatus of music information as set forth in any one of claims 25 to 30, wherein said selection function unit transmits either all said music information of said broadcasting side memory function unit or a difference in music information newly added to said broadcasting side memory function unit to said transmission function unit.

34. (Original) A terminal having:

- a reception side memory function unit for storing music information including at least one of track data and music database information;
- a reception function unit for receiving said music information broadcasted on a predetermined broadcast channel;
- an extraction function unit for extracting said music information from the broadcast wave of said received predetermined broadcast channel; and
- an update function unit for updating the music information in said reception side memory function unit with said extracted music information.

35. (Currently Amended) A terminal having an updating function of music information as set forth in claim 34, wherein said music database information is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes any of title named, album named, artist named, and genred.

36. (Original) A terminal having an updating function of music information as set forth in claim 34 or 35, wherein provision is further made of a track data request transmission unit for transmitting a request that music information including the desire track data be added to said reception side memory function unit and the identifying information of the related terminal to the broadcasting apparatus for transmitting said predetermined broadcast channel.

37. (Original) A terminal having an updating function of music information as set forth in any one of claims 34 to 36, wherein said extraction function unit extracts said music information broadcasted on said predetermined broadcast channel in a predetermined format according to that format.

38. (Original) A terminal having an updating function of music information as set forth in any one of claims 34 to 37, wherein said update function unit rewrites said reception side memory function unit with the received music information or stores the received music information in said reception side memory function unit.

39. (Original) A terminal having an updating function of music information as set forth in any one of claims 34 to 37, wherein said update function unit calculates the unrecorded music information from among received music information and stores this as the difference in music information in said reception side memory function unit.

40. (Original) A terminal having an updating function of music information as set forth in claim 38 or 39, wherein said updating function unit once holds the music information or said difference in music information broadcasted on a predetermined broadcast channel constantly repeatedly or periodically on predetermined days and when detecting that it is not the same as the already received information, stores the same in said reception side memory function unit.

41. (Original) An updating method of music information in an updating system of music information provided with a broadcasting apparatus and a terminal, comprising,
in said broadcasting apparatus,
a step of broadcasting music information including at least one of track data and music database information stored in a broadcasting side memory function unit on a predetermined broadcast channel and,

in said terminal provided with a reception side memory function unit for storing said music information,

a step of receiving the broadcast wave of said predetermined broadcast channel,

a step of extracting said music information from the broadcast wave of said received predetermined broadcast channel, and

a step of updating the information in said reception side memory function unit with said extracted music information.

42. (Original) An updating method of music information as set forth in claim 41, wherein said predetermined broadcast channel is: (i) a previously set specific channel in radio broadcasts; (ii) a previously set specific channel in TV broadcasts; or (iii) a previously set specific channel in digital broadcasts.

43. (Original) An updating method of music information as set forth in claim 41 or 42, wherein said music database information is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes any of title names, album names, artist names, and genres.

44. (Original) An updating method of music information as set forth in any one of claims 41 to 43, further comprising

a step of having said terminal transmit a request that the music information including the desired track data be added to said reception side memory function unit and the identifying information of the related terminal to said transmission apparatus and

a step of having said broadcasting apparatus charge the related terminal on the basis of said track data request from said terminal and the identifying information of said terminal.

45. (Original) An updating method of music information as set forth in any one of claims 41 to 44, further comprising a step of having said broadcasting apparatus broadcast a schedule list indicating the schedule for broadcasting said track data.
46. (Original) An updating method of music information as set forth in any one of claims 41 to 45, further comprising a selection step of having said broadcasting apparatus extract said music information to be transmitted from said broadcasting side memory function unit.
47. (Original) An updating method of music information as set forth in any one of claims 41 to 45, further comprising a selection step of having said broadcasting apparatus select and collect said music information to be stored in said broadcasting side memory function unit.
48. (Original) An updating method of music information as set forth in claim 46 or 47, wherein said selection step selects said music information on the basis of a number of times of broadcasts at each music provider or information on release of new music.
49. (Original) An updating method of music information as set forth in claim 46 or 47, wherein said selection step selects said music on the basis of power play information generated between music providers linked with this or information of release of new music.
50. (Original) An updating method of music information as set forth in claim 46 or 47, wherein said selection step selects said music information on the basis of various popularity rankings of music providers.
51. (Original) An updating method of music information as set forth in claim 46 or 47, wherein said selection step selects said music information on the basis of said track data request from said terminal.

52. (Currently Amended) An updating method of music information as set forth in any one of claims 41 to 51, wherein said broadcasting step broadcasts said music information on said predetermined broadcast channel constantly repeatedly or periodically on predetermined days.

53. (Original) An updating method of music information as set forth in any one of claims 41 to 52, wherein said broadcasting step converts said music information to a format for broadcasting the same on said predetermined broadcast channel by a conversion function unit.

54. (Original) An updating method of music information as set forth in claim 46, wherein said selection step selects either all said music information of said broadcasting side memory function unit among said music information broadcasted on the predetermined broadcast channel or the difference in music information newly added to said broadcasting side memory function unit.

55. (Original) An updating method of music information as set forth in claim 53, wherein said extraction step extracts said music information broadcasted on said predetermined broadcast channel in a predetermined format according to that format.

56. (Original) An updating method of music information as set forth in any one of claims 41 to 55, wherein said updating step rewrites said reception side memory function unit with the received music information when receiving all music information from the broadcasting side memory function unit on said broadcasting apparatus side.

57. (Original) An updating method of music information as set forth in any one of claims 41 to 55, wherein said updating step calculates unrecorded music information from among all music information when receiving all music information from the broadcasting side memory function unit on said transmitting apparatus side and stores this as the newly added difference in music information in said reception side memory function unit.

58. (Original) An updating method of music information as set forth in any one of claims 41 to 55, wherein said updating step adds the difference in music information to said reception side memory function unit and stores it when receiving the newly added difference in music information from the broadcasting side memory function unit on said broadcasting apparatus side.

59. (Original) An updating method of music information as set forth in any one of claims 46 to 48, wherein said updating step once holds the music information or said difference in music information transmitted from said broadcasting apparatus side constantly repeatedly or periodically on predetermined days and, when detecting that it is not the same as the already received information, stores the same in said reception side memory function unit.

60. (Currently Amended) A broadcasting method of music information in a transmission apparatus for broadcasting the music information, comprising
a step of broadcasting music information including a least one of track data and music database information stored in a broadcasting side memory function unit on a predetermined broadcast channel;

61. (Original) A broadcasting method of music information as set forth in claim 60, wherein said predetermined broadcast channel is (i) a previously set specific channel in radio broadcasts; (ii) a previously set specific channel in TV broadcasts; or (iii) a previously set specific channel in digital broadcasts.

62. (Original) A broadcasting method of music information as set forth in claim 60 or 61, wherein said music database is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes any of title names, album names, and genres.

63. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 62, comprising

a step of receiving a request that the music information including the desired track data from the terminal be added to said reception side memory function unit and the identifying information of the related terminal, and

a step of charging the related terminal on the basis of said track data request from said terminal and the identifying information of said terminal.

64. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 63, further comprising a step of broadcasting a schedule list indicating the schedule for broadcasting said track data.

65. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 64, further comprising a selection step of extracting said music information to be transmitted from said broadcasting side memory function unit.

66. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 65, further comprising a step of selecting and collecting said music information to be stored in said broadcasting side memory function unit.

67. (Original) A broadcasting method of music information as set forth in claim 65 or 66, wherein said selection step selects said music information on the basis of a number of times of broadcasts at each music provider or information on release of new music.

68. (Original) A broadcasting method of music information as set forth in claim 65 or 66, wherein said selection step selects said music on the basis of power play information generated between music providers linked with this or information of release of new music.

69. (Original) A broadcasting method of music information as set forth in claim 65 or 66, wherein said selection step selects said music information on the basis of various popularity rankings of the music providers.

70. (Original) A broadcasting method of music information as set forth in claim 25 or 26, wherein said selection step selects said music information on the basis of said track data request from said terminal.

71. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 70, wherein said broadcasting step broadcasts said music information on said predetermined broadcast channel constantly repeatedly or periodically on predetermined days.

72. (Original) A broadcasting method of music information as set forth in any one of claims 60 to 71, wherein said broadcasting step converts said music information to a format for broadcasting the same on said predetermined broadcast channel by a conversion function unit.

73. (Original) A broadcasting method of music information as set forth in claim 54, wherein said selection step selects either all said music information of said broadcasting side memory function unit among said music information broadcasted on the predetermined broadcast channel or the difference in music information newly added to said broadcasting side memory function unit.

74. (Original) A music information updating method of a terminal provided with a reception side memory function unit for storing music information including at least one of track data and music database information , comprising:

a step of receiving said music information broadcasted on a predetermined broadcast channel;

a step of extracting said music information from said received predetermined broadcast channel; and

a step of updating the music information in said reception side memory function unit with said extracted music information.

75. (Original) A music information updating method of a terminal as set forth in claim 74, wherein said music database information is comprised of identifying information for identifying the recording media and music menu information corresponding to the identifying information, and the music menu information includes any of title names, album names, artist names, and genres.

76. (Original) A music information updating method of a terminal as set forth in claim 74 or 75, further comprising a step of transmitting a request that the music information including the desired track data be added to said reception side memory function unit and the identifying information of the related terminal to the broadcasting apparatus transmitting said predetermined broadcast channel.

77. (Original) A music information updating method of a terminal as set forth in either of claims 74 to 76, wherein said extraction step extracts said music information broadcasted on said predetermined broadcast channel in a predetermined format according to that format.

78. (Original) A music information updating method of a terminal as set forth in any one of claims 74 to 77, wherein said updating step rewrites said reception side memory function unit with the received music information or stores the received music information in said reception side memory function unit.

79. (Original) A music information updating method of a terminal as set forth in any one of claims 74 to 77, wherein said updating step calculates the unrecorded music information from among received music information and stores this as newly added difference in music information to said reception side memory function unit.

80. (Original) An music information updating method of a terminal as set forth in claim 78 or 79, wherein said updating step once holds the music information or said difference in music information broadcasted on the predetermined broadcast channel constantly repeatedly or periodically on predetermined days and, when detecting that they are not the same as the already received information, stores the same in said reception side memory function unit.